

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,164  
Source: IFWP  
Date Processed by STIC: 07/06/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 07/06/2006

PATENT APPLICATION: US/10/526,164

TIME: 13:58:01

Input Set : A:\SLII-P01-002.TXT

Output Set: N:\CRF4\07062006\J526164.raw

4 <110> APPLICANT: Van Huijsduijnen, Rob Hooft  
 5 Walchli, Sebastien  
 6 Arigoni, Fabrizio  
 8 <120> TITLE OF INVENTION: PROTEIN TYROSINE PHOSPHATASE INHIBITORS  
 11 <130> FILE REFERENCE: SLII-P01-002  
 13 <140> CURRENT APPLICATION NUMBER: US 10/526,164  
 C--> 14 <141> CURRENT FILING DATE: 2005-02-28  
 16 <150> PRIOR APPLICATION NUMBER: 02019357.9  
 17 <151> PRIOR FILING DATE: 2002-08-29  
 19 <160> NUMBER OF SEQ ID NOS: 84  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 8  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Synthetic phosphopeptide  
 31 <400> SEQUENCE: 1  
 32 Glu Leu Tyr Gly Ser Tyr Ala  
 33 1 5  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 7  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Artificial Sequence  
 41 <220> FEATURE:  
 42 <223> OTHER INFORMATION: Synthetic phosphopeptide  
 44 <400> SEQUENCE: 2  
 45 Glu Phe Tyr Gly Ala Phe Ala  
 46 1 5  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 7  
 51 <212> TYPE: PRT  
 52 <213> ORGANISM: Artificial Sequence  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: Synthetic phosphopeptide  
 57 <400> SEQUENCE: 3  
 58 Glu Phe Tyr Gly Ala Phe Gly  
 59 1 5  
 62 <210> SEQ ID NO: 4  
 63 <211> LENGTH: 11  
 64 <212> TYPE: PRT  
 65 <213> ORGANISM: Artificial Sequence  
 67 <220> FEATURE:

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68 <223> OTHER INFORMATION: Synthetic phosphopeptide
70 <400> SEQUENCE: 4
71 Ala Glu Gly Glu Leu Tyr Gly Ser Leu Tyr Ala
72 1 5 10
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 7
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic phosphopeptide
83 <400> SEQUENCE: 5
84 Glu Phe Tyr Ala Thr Tyr Gly
85 1 5
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 7
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Synthetic phosphopeptide
96 <400> SEQUENCE: 6
97 Glu Phe Tyr Gly Thr Tyr Gly
98 1 5
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 7
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Synthetic phosphopeptide
109 <400> SEQUENCE: 7
110 Glu Phe Tyr Ala Thr Tyr Ala
111 1 5
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 7
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
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122 <400> SEQUENCE: 8
123 Glu Phe Tyr Gly Thr Tyr Ala
124 1 5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 8
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Synthetic phosphopeptide
135 <400> SEQUENCE: 9
136 Glu Leu Leu Tyr Gly Ser Tyr Tyr
137 1 5

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140 <210> SEQ ID NO: 10
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145 <220> FEATURE:
146 <223> OTHER INFORMATION: Synthetic phosphopeptide
148 <400> SEQUENCE: 10
149 Glu Phe Tyr Ala Glu Val Gly
150 1 5
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 8
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
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159 <223> OTHER INFORMATION: Synthetic phosphopeptide
161 <400> SEQUENCE: 11
162 Glu Phe Tyr Ala Glu Val Gly Arg
163 1 5
166 <210> SEQ ID NO: 12
167 <211> LENGTH: 15
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
174 <400> SEQUENCE: 12
175 Glu Phe Tyr Ala Thr Tyr Gly Ser Ala Ala Thr Asp Pro Ala Lys
176 1 5 10 15
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 15
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
187 <400> SEQUENCE: 13
188 Glu Phe Ile Tyr Gln Asn Leu Ala Asp Pro Leu Asp Pro Ala Lys
189 1 5 10 15
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 15
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
200 <400> SEQUENCE: 14
201 Glu Phe Tyr Asp Ile Ile Leu Ala Gly Met Ala Asp Pro Ala Lys
202 1 5 10 15
205 <210> SEQ ID NO: 15
206 <211> LENGTH: 15
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence

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210 <220> FEATURE:
211 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
213 <400> SEQUENCE: 15
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218 <210> SEQ ID NO: 16
219 <211> LENGTH: 15
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
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227 Glu Phe Pro Glu Tyr Ala Met Leu Ser Asn Ser Asp Pro Ala Lys
228 1 5 10 15
231 <210> SEQ ID NO: 17
232 <211> LENGTH: 15
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
239 <400> SEQUENCE: 17
240 Glu Phe Glu Pro Ile Tyr Asn Ala Tyr Gln Val Asp Pro Ala Lys
241 1 5 10 15
244 <210> SEQ ID NO: 18
245 <211> LENGTH: 15
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
252 <400> SEQUENCE: 18
253 Glu Phe Tyr Gly Thr Tyr Arg Gly Gln Asp Ser Asp Pro Ala Lys
254 1 5 10 15
257 <210> SEQ ID NO: 19
258 <211> LENGTH: 15
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
265 <400> SEQUENCE: 19
266 Glu Phe Tyr Asn Leu Tyr Glu Gly Val Met Ser Asp Pro Ala Lys
267 1 5 10 15
270 <210> SEQ ID NO: 20
271 <211> LENGTH: 15
272 <212> TYPE: PRT
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
278 <400> SEQUENCE: 20
279 Glu Phe Gln Ser Pro Val Tyr Gly Asn Phe Ala Asp Pro Ala Lys

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Input Set : A:\SLII-P01-002.TXT

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280 1          5          10          15
283 <210> SEQ ID NO: 21
284 <211> LENGTH: 15
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286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
291 <400> SEQUENCE: 21
292 Glu Phe Ala Thr Tyr Glu Glu Tyr Ala Leu Met Asp Pro Ala Lys
293 1          5          10          15
296 <210> SEQ ID NO: 22
297 <211> LENGTH: 15
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
304 <400> SEQUENCE: 22
305 Glu Phe Tyr Gly Thr Phe Ala Pro Lys Pro Leu Asp Pro Ala Lys
306 1          5          10          15
309 <210> SEQ ID NO: 23
310 <211> LENGTH: 15
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
317 <400> SEQUENCE: 23
318 Glu Phe Tyr Gly Thr Tyr Arg Gly Gln Asp Ser Asp Pro Ala Lys
319 1          5          10          15
322 <210> SEQ ID NO: 24
323 <211> LENGTH: 15
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
330 <400> SEQUENCE: 24
331 Glu Phe Tyr Gly Gln Phe Tyr Gly Pro Pro Gln Asp Pro Ala Lys
332 1          5          10          15
335 <210> SEQ ID NO: 25
336 <211> LENGTH: 15
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Peptide Sequence on Phage Display
343 <400> SEQUENCE: 25
344 Glu Phe Tyr Gly Ala Tyr Thr Ser Thr Thr Ala Asp Pro Ala Lys
345 1          5          10          15
348 <210> SEQ ID NO: 26
349 <211> LENGTH: 15
350 <212> TYPE: PRT

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## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/06/2006

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Input Set : A:\SLII-P01-002.TXT

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:76; Xaa Pos. 2,3,4,5,7,8,9,10

Seq#:77; N Pos. 10,11,13,14,16,17,19,20,25,26,28,29,31,32,34,35

**VERIFICATION SUMMARY**

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Input Set : A:\SLII-P01-002.TXT

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0

L:1031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0